● PRINTER RUSH ● (PTO ASSISTANCE)

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NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH. Poc. 9318-020-999

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METHOD AND SYSTEM FOR MULTI-THREADED OBJECT LOADING AND UNLOADING

FIELD OF THE INVENTION

The present invention relates to distributed object systems and more specifically loading and unloading of objects using multi-thread.

BACKGROUND OF THE INVENTION

With the rise of the interconnected computer networks such as the Internet, it is possible to construct complex transaction-based applications that are distributed over several networked computers. In the simplest scenario, in general, these transaction-based applications function in the following way. A software application program, which executes on a client, initiates a transaction that requires access to services provided by a distant computer, called a server. Examples of these services could be an update to a database such as a bank's database, an execution of a purchase order such as in the case of purchase of a security and the like. Typically, the client sends a "request" message to the server, which then sends a "response" message containing a response to the request.

Typically, the server is not a single computer, rather a collection of interconnected heterogenous computers. The request message must then be formatted in such a way that all the interconnected computers can understand and respond to the request message. If the collection of interconnected computers is configured in an object-oriented programming model, then software object (or objects) that are capable of working together to provide a response to the request message can be distributed among the several computers. But in order to access the objects from a remote computer the objects must somehow publish their existence, their addresses, their properties, the services they provide, and other details to the "outside" world. Then, a client may be able to use the services provided by sending a request message in a manner similar to making a remote procedure call ("rpc") and obtaining a response to that message.

Various paradigms exist as a result of the need to standardize the methods by which objects can be distributed and accessed over a network. These are Microsoft Corporation's Distributed Component Object Model (DCOM), JavaSoft's Java/Remote

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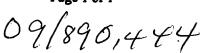
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APPLICANTS Matthew A Mihic, Cambridge, MA; CONTINUING DATA THIS APPLICATION IS ASSAULT OF FOULUS 00/02015 01/28/2000 AND CLAIMS BENEFIT OF 60/11/7,015 01/22/1959 AND CLAIMS BENEFIT OF 60/126/55/19590 AND CLAIMS BENEFIT OF 60/126/55/19590 AND CLAIMS BENEFIT OF 60/126/55/19590 FOREIGN APPLICATIONS THIS APPLIC											
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ADDRESS Pennie & Edmonds 1155 Avenue of The Americas New York ,NY 10026-2711											
TITLE Method and system for multi-threaded object loading and unloading											
FILING FEE RECEIVED 820	FEES: Authority has been given in Paper No to charge/credit DEPOSIT ACCOUNT No for following:				All Fees 1.16 Fees (Filing) 1.17 Fees (Processing Ext. of time) 1.18 Fees (Issue) Other Credit						